

CLAIMS

1. Ultrasonic washing equipment intended for ultrasonic washing of an object to be washed by putting it into a washing tank containing deaerated cleaning liquid, characterized in that an inlet and an outlet for charging and discharging the object to be washed in and out of the washing tank are provided in side walls of said washing tank, these inlet and outlet are provided with closable doors, a shifting mechanism for an object to be washed capable of charging the object to be washed into the washing tank from a side of the washing tank and discharging the object to be washed in the washing tank toward a side of the washing tank is provided in the vicinities of these inlet and outlet, and the cleaning liquid in said washing tank is enabled by a cleaning liquid charging/discharging mechanism to be charged into and discharged out of the washing tank.
2. The ultrasonic washing equipment according to claim 1, characterized in that a plurality of tanks of substantially the same shape as the washing tank are arranged along one line beside the inlet and outlet of said washing tank, the washing tank and these tanks adjoining each other are disposed with their inlet and outlet arranged in mutually opposite positions, a common door is provided between each couple of these inlet and outlet, and by opening or closing these doors said outlet and inlet are enabled to communicate with or intercepted from each other.
3. An ultrasonic washing method characterized in that it comprises a step of putting an object to be washed from a side of a washing tank through an inlet in a side wall of the washing tank and, after closing the inlet with a door, letting deaerated cleaning liquid into the washing tank, a step of subjecting the object to be washed to ultrasonic washing within the washing tank, and a step of discharging the object to be washed through the outlet toward a side of the washing tank after the

washing and after emptying the washing tank of the cleaning liquid and opening the door of an outlet in a side wall of the washing tank.